Duplo®
from print to documents

350
BOOKLET SYSTEM

PREMIUM BOOKLETMAKING SYSTEM

Fully automatic
Up-to 3000 books per hour
Integrated Spine Press
User friendly

Corporate Reports, Catalogues, Brochures, Coupon Booklets, Yearbooks, Picture Books, Magazines, Course Work, CD Booklets, Menus, Manuals, Price lists

Duplo presents the fully automatic, premium bookletmaking solution for mid volume commercial printers and in-plants. The 350 Booklet System comprises of the DSC-10/60 collators, DBM-350 bookletmaker and 350T trimmer. This system is capable of producing up to 3000 A5 booklets per hour and collating up to 10000 A4 sets per hour.
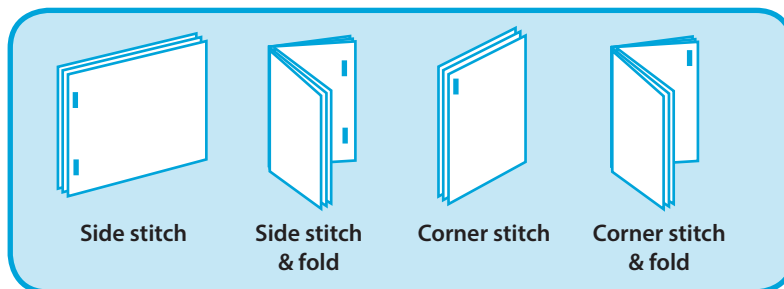
AMS
air management
system

Superior feeding

The 350 Booklet system incorporates up to four DSC-10/60 collating towers which are equipped with Duplo's superior feeding technology. This unique feeding system incorporates its own individual high power fans which provide variable amounts of air/vacuum to each bin independently and can be adjusted to feed differing stock weights and sizes. The vacuum feed belt system ensures that each sheet is accurately and consistently delivered from the top of each paper pile.
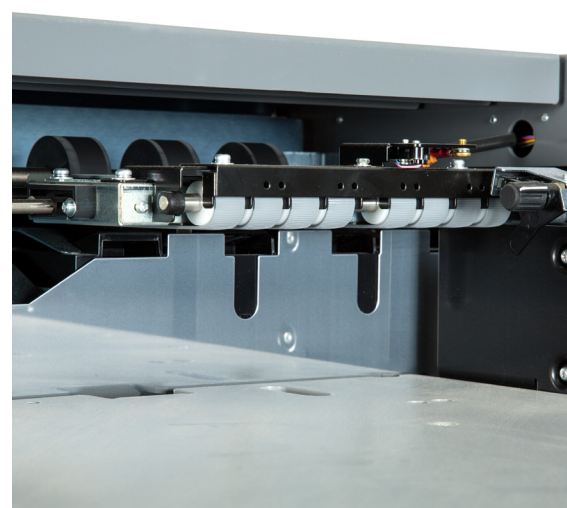
Automated Precision

The whole system is managed from a single control panel on the 350 bookletmaker. The job set up is fully automatic within 60 seconds and the job change over is within 35 seconds without the use of any tools. The operator can easily create and save up to 20 jobs in the memory for future recall.

Productivity

The 350 Booklet System can finish each book without operator intervention or any wastage. The DSC10/60 has a large bin capacity of 65mm and is equipped with the features such as block mode and alternate mode, both of which contribute to its high productivity.

Flexibility

The 350 booklet system can finish a wide variety of booklet applications such as stitch and fold, corner stitch, side stitch and loop stitch. It can also collate and stack sets for perfect binding or NCR jobs. It accepts a wide variety of sheet sizes and thicknesses making it the most versatile system in its class!

Double Feed Detection

The DSC-10/60 is equipped with high resolution optical sensors that ensure a miss or a double feed error is identified. The software utilises light emitting sensors to accurately detect when two or more sheets are being fed. The faulty sets are automatically diverted to the reject tray, enabling continuous operation. Faulty sets once corrected can be simply reused or can be inserted by hand.

| Side stitch | Side stitch & fold | Corner stitch | Corner stitch & fold |

Colour touch screen

Independent bins

Superior feeding technology

Block Mode

The Block Mode programme enables the DSC10/60 to be split in half, allowing the operator to load bins whilst another job is running, even with different paper sizes. This increases productivity & efficiency as down time is dramatically reduced.

Bi-directional Running

The DSC-10/60 collator can run to the left into the bookletmaker or to the right into the stacker. For NCR or a perfect binding job the user has a choice of two stackers, either the DCR-ST Criss cross stacker or DBM-400STR which is suitable for high volume straight or offset stacking.

Modularity

The 350 Booklet System is a very modular system and can be customised according to the end users needs, allowing them to configure and expand as their needs and demands change.

Trimmer

The 350T Trimmer is fully automatic and is programmed from the DBM-350 booklet maker. The operator can easily adjust the trimming position from 1 to 20mm as per the job requirement.
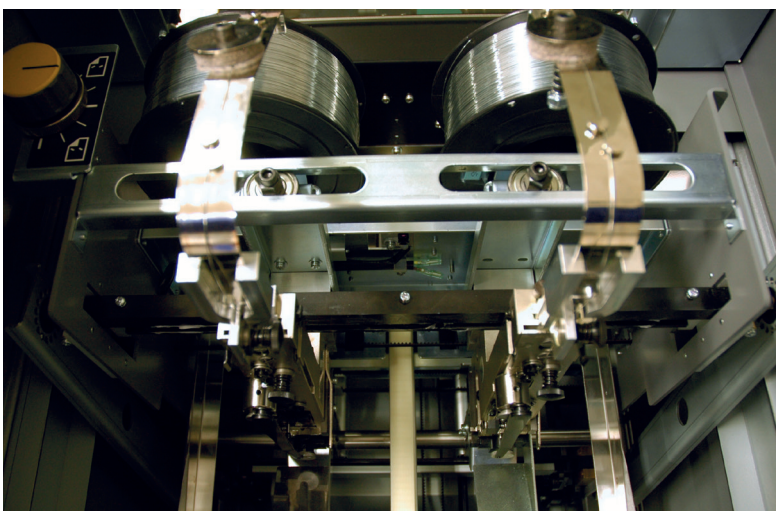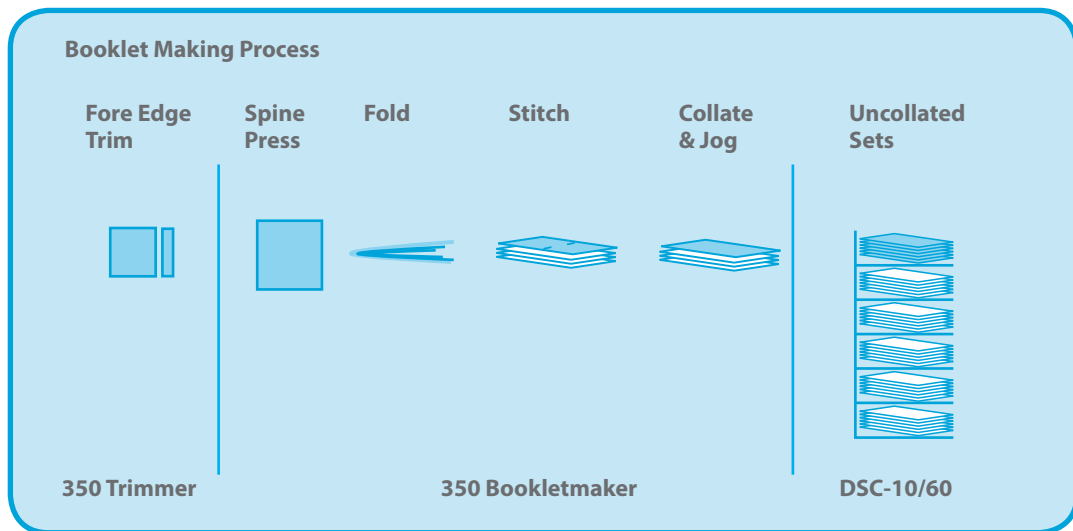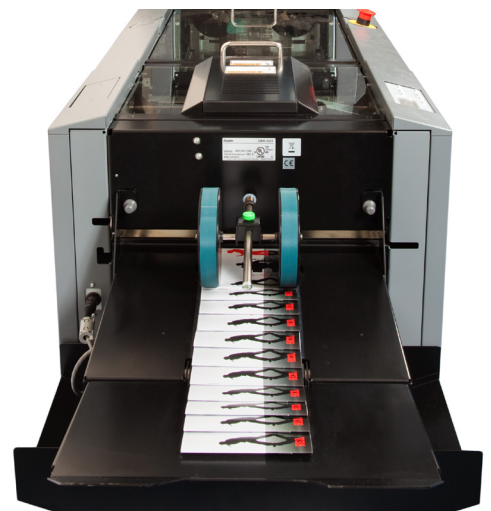
ASM-350

The optional ASM-350 Square Spine can add value to your offering by creating professional looking booklets with a perfect bound effect.

Booklet Making Process

Fore Edge Trim	Spine Press	Fold	Stitch	Collate & Jog	Uncollated Sets

350 Trimmer   **350 Bookletmaker**   **DSC-10/60**

Deluxe stitching heads

DBM-350

Specification

DSC-10/60 Collator

Number of Bins:	10, 20, 30, 40	**Other Features:**	Colour touch screen control panel; left or right exit selection; block mode; waiting mode; interleaving sheet insertion; hand-marry unit
Paper Size:	Min. 120 mm x 148 mm Max. 350mm x 500mm		
Paper Weight:	52-300 gsm		
Bin Capacity:	65mm		
Detection:	Double feed, misfeed, paper jam, bin empty	**Conecting Devices:**	DCR-ST Stacker, DBM400STR/L, DC12JR
Speed:	Bookletmaking - up to 3000 A5 booklets per hour* Collating - up to 10,000 sets per hour*	**Dimensions: (L x W x H):**	630mm x 750mm x 1972mm When connected to the lift unit.
		Power Consumption:	230 V 50 Hz 4.5 A
		Weight:	298 kg
Feed System:	Vacuum belt with air sheet separation		

DBM - 350 Bookletmaker

Sheet Size:	Min.148 mm x 210 mm Max.320 mm x 460 mm	**Other Features:**	Spine Press (0-9 presses)
		Programmable Memory:	20 memory settings
Sheet Size with corner stitch option:	Min. 182 mm x 257 mm Max. 215 mm x 297mm	**Dimensions (L x W x H):**	1820 mm x 650 mm x 1030mm
		Power Requirements:	230 V- 50Hz - 3.8 A
Paper Capacity:	20 sheets [Cover x 1(300gsm) + 19 sheets (81.4 gsm) equivalent]	**Weight:**	230 kg
Speed:	3000 (A5) booklets per hour	**Connecting Devices:**	Collators: DSC-10/60 & DSC-10/20. Sheet Feeders: DSF-2200 & DC-445
Number of Stitcher Heads:	2		
Stitch positions:	Saddle, Fold only, Corner & Side (optional)		
		Options:	Hohner loop stitching head; Small booklet kit;6 page insert kit; Corner/side stitch kit

DBM - 350T Trimmer

Triming Mechanism	Upper and lower shearing action	**Other features:**	Jam detectors, automatic setting exit rollers, trim scrap box full sensor, spine compression
Booklet Sizes	Min. 105 mm x 148 mm Max. 230 mm x 320 mm		
Trimmed Booklet Sizes:	Min. 85 mm x 148 mm Max. 230 mm x 320 mm	**Dimensions (L x W X H):**	920 mm x 650 mm x 841 mm (inc. Belt Stacker)
Trim Margin:	1 to 20 mm	**Power Consumption:**	230 V - 50 Hz - 3.3 A
Speed:	3000 (A5) booklets per hour	**Weight:**	80 kg

CE ♺ Ref: 305C/12/10